



Ø BEAT



COLO. SPRINGS,
COLORADO

J U N E

MEETING NOTICE - Pikes Peak Radio Amateur Association will meet this month on June 9th at 7:30 P.M. in the Security Savings & Loan Building, East Platte at Union Boulevard. Any person interested in Amateur radio is invited to attend.

PRESIDENT'S CORNER by Bill Croghan, WBØKSW: My thanks to Ken Hull, WBØNOS for arranging the telephone company tour last month. Also thanks to Smitty, WBØLTV for a real great transmitter hunt. Brad, WBØOTX and John, WBØ--- were the winners. For June, the date for the transmitter hunt has been changed to June 13th so as not to conflict with Fathers Day or Field Day.

Field Day, June 26-27 this year, is the one activity in Ham Radio that brings together hams of various interests for a weekend of fun. We'll have 2 phone stations, one C.W. station plus a Novice station. Y'all come! Last years Novices have challenged this years Novices for total points. (Remember, a C.W. contact counts for 2 points). Location is the same as the last two years, in the Black Forest area where we are relatively private and don't have to worry about TVI or automotive interference. Bring your tents or campers and spend the weekend. We'll start setting up on Friday night. 73's, Bill, WBØKSW

FCC APPROVED ARRL's TRAINING CONCEPT May 12 to be tried as an experimental one year program. Details of the Commission's approval hadn't been released at press time, but the League had proposed a carefully monitored training course of 10-12 lessons to be conducted by qualified, certified instructors. Upon satisfactory completion of the course the student would be certified "qualified for Novice license" to the FCC, which would then issue him a license without further exam.

Three key stipulations in the FCC's decision favoring the ARRL proposal are an insistence that the integrity of any examinations used in the course be absolute, the instructors must be adequately qualified, and administration of the program must not be restricted to a single organization. Though the FCC is apparently willing to delegate responsibility for determining instructor

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Published in the interest of the members
of the Pikes Peak Radio Amateur Association,
Inc. Colorado Springs, Colorado

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Address all items and exchanges to:
1523 Mt. Everett
Colorado Springs, Colorado 80909

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4170 Hemlock, Colo. Spgs. CO. 80917
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The PPRAA meets at 7:30 P.M. on the second
Wednesday of each month in the Security
Savings & Loan Building, East Platte at
Union Boulevard.

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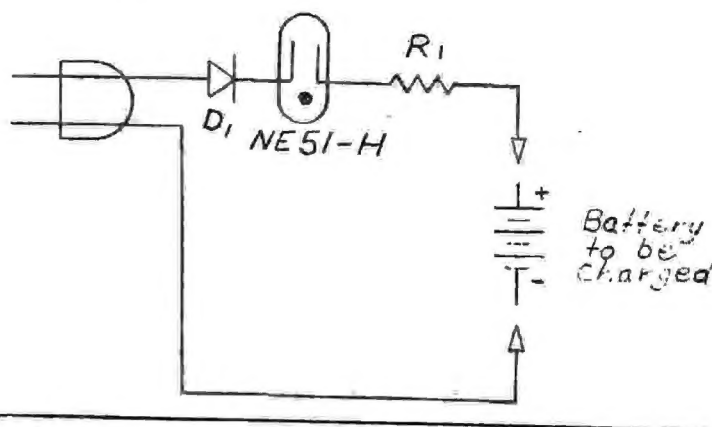
qualifications to the League, it does not (and probably legally cannot) give the ARRL an exclusive claim on what will surely become a lucrative marketplace. Although specifics of how the League will put its program into operation can't be worked out until the terms of the FCC's decision have been studied, expectations are that a limited number of "prototype" classes taught by experienced instructors with known credentials should begin early this summer. Then, based on experience gained from the prototype classes a closely monitored but greatly expanded program will begin as early as possible in the fall.

HR REPORT

AMATEUR RADIO DEMONSTRATED - The Boulder Amateur Radio Club held a public demonstration of amateur radio at the Crossroads Shopping Center on April 10. Displays of ARRL publications, QSL cards, HF transceivers, two-meter FM hand held units and a fast-scan TV system were displayed. Numerous questions were answered for those who stopped to inquire, including many "what is the difference between amateur radio and CB/" The BARC Club station WØDK was in operation using a three element beam near the west entrance. The public was encouraged to send Easter messages and a total of 16 were transmitted to locations from all US call areas, Mexico and Guatemala. Considerable interest in joining a future Novice license class was shown.

BOULDER QSP

SIMPLE NI-CAD TRICKLE CHARGER by Bill Nelson: This simple circuit will trickle charge a wide variety of NI-CAD cells. Actual charging current is about 2 Ma. with the values shown. As with all equipment operated directly from the line, unplug before changing batteries or servicing. D1 is any 200 V. PRV rectifier. The NE-51-H both drops the line voltage and indicates that the circuit is on. Select R1 for the battery voltage.



Battery Voltage	R1 (ohms), 1/2 W.
1.25 V	5600
6.1 V	4700
9.7 V	3900
12.2 V	3300
15. V	2200

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N6V IS THE FIRST "1x1" Amateur call sign ever issued by the FCC, will be first used on the air June 18-23 by Jet Propulsion Laboratory's ARC station to celebrate Viking I spacecraft's arrival at Mars June 19. N6V will operate 80-10, CW and SSB. "X" suffixed 1x2 call signs (e.g., W9XA) could be called into use to relieve the crunch expected from the Extra Class call sign shortage. Though a 1x3 "X" call indicates an experimental station rather than Amateur 1x2 "X" calls have not been used for that purpose so could be adopted for Amateur use.

HR REPORT

A QUOTATION to keep in mind for repeater users: "Conversation should be fired in short bursts; anybody who talks steadily for more than a minute is in danger of boring somebody." -- Harlan Miller

LEARA REPEATER NEWSLETTER

FCC'S BANDWIDTH DOCKET, 20777 steps on a number of toes and their owners are not at all happy about it. Fast scan TVers were quickest and most vehement in their reaction to their suggested exile to above 1215 MHz, but the many AM users on 160 are also starting to become aware of their jeopardy. Less



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obvious problems beginning to be discussed are potential conflicts between 850 Hz RTTY, facsimile, slow scan TV and phone operators on all the present phone bands and the use of modulated CW in the CW segments.

Petition for extension of time on Docket 20777 has been filed by ARRL to enable the League to bring the issues to its membership and still give them time to respond. Present Comment due date is June 23 -- the League wants it delayed until August 4.

HR REPORT

GUEST EDITORIAL by Sy Stein, WA6ROM, Editor of CCRC CIRCLE: It seems not so very long ago that I read somewhere in this very "rag" that we Hams had better do something about increasing our numbers if we are to survive the coming (1979) "Battle for the Frequencies". I know that many Hams are trying to recruit new members, but all too frequently, when they are asked why so few guys and gals are joining the ranks, the reply is "There ain't too many youngsters out there interested in the art and craft of amateur communication

Hogwash (a genteel term for *!**:!!). In January, 1976, approximately 500,00 people in the United States (and this figure gets larger every 30 days told the FCC (and anyone else who would listen) that a lot of them wanted to become Hams. Not only did they want to become Hams, but they were willing to plunk down cash for equipment to make it come true! The only hitch in the scheme of things was that nobody told them that the cash they paid for their gear and the license they got with the package wasn't a ticket to the Ham world, but only a weak imitation of the real thing --CB.

True, a considerable number of these CBers are satisfied to play out the CB game, but I suspect that another considerable number are immediately disappointed when they get their rigs on the air. Further, I suspect that another

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A.E.S. COMMUNICATIONS WISHES TO THANK THE MANY HAMS WHO READ OUR AD LAST MONTH FOR THEIR WARM RESPONSE . THE UPS STRIKE IS OVER AND WE HAVE RECEIVED AT LAST SOME OF OUR ORDERS.

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CHAS, WBØOCJ, SALES MANAGER

large group tire of the CB game within a reasonably short time because the routine of the "yak yaks", or as the Good Buddies say, "Ratchet Jaws" isn't just what they had in mind. These are the guys and gals who are interested in technical things, including building gear, traffic handling, DX, antenna performance, etc. These are the potential Hams.

Well, how are we going to get them into the ranks? I think one way is to follow the old adage: If you can't lick 'em, join 'em! I think we might well swell the ranks of the CB'ers by joining up, then talk to them over the air. The best place to meet them is on their own ground. If they feel comfortable with you an the air, they will listen to what you have to offer as a "better way". Try it, you may like it! As for me, I'm going out to buy a cheap CB rig right away. Then I'm going to practice what I'm preaching here. Wanna join me, "Good Buddies"? Mercy Sakes Alive, it's easy. Ya only need a three pound signal. Remember, this is thirty three! Threes and Eights! We Gone! Ham Bone, de WA6ROM

DRIVER SAFETY - It has been scientifically proven that the driver least likely to have an accident is a female salesperson over the age of 75, driving a truck-and-trailer rig through a large city between four and five on Sunday morning at speeds over 55 miles per hour!

CCRC CIRCLE via DENVER QRZ

FOR SALE: Clegg FM-27B, good condition, \$280.00. Myron Babcock, WA8GUB/Ø, Phone 635-0492.

RIG RIP OFF YEAR - Now that the "Hamburglars" are becoming more prevalent, and more knowledgeable about alarm systems, a new rig rip-off technique is being practiced on local amateurs (and CB'ers): rather than open doors that might trip an alarm, they smash in a window completely, crawl through to remove the transceiver and crawl out again and then away. No doors opened, no alarm set off, another radio gone. Moral: take it out of the car when you leave!

LEARA REPEATER NEWSLETTER

HAM FELLOWSHIP by K4LMB:

I thought I'd like to join a club where I could have some fun.
I heard about your local group and thought I'd found the one.
So I hunted up your meeting place, but as I waited there,
I doubted you could be the hams I'd talked to on the air.

I stood there just inside the door and tried to catch an eye,
But you dashed by to old-time friends and simply passed me by.
It was a real fine meeting, but it lasted fairly long,
And when the gavel sounded, everyone was up and gone.

I went home feeling lonely -when I'd hoped for fellowship.
I didn't meet a single soul who seemed to care a whit.
I plan to come again next month, and if I do attend,
Won't someone introduce himself? I'd like to be a friend!

LEARA REPEATER NEWSLETTER

MOST UNUSUAL AMATEUR radio newspaper of 1976 award has to go to Pueblo Ham Club's April issue of GRID LEAK - printed by teleprinter, it's 27 feet long and took four hours to transmit!

HR REPORT



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